

Intelligence Analysis System Family of Systems



Description

The Intelligence Analysis System (IAS) Family of Systems (FoS) uses a three-tiered approach for receiving, parsing, analyzing, and disseminating fused all-source intelligence data. The first tier, the Marine Expeditionary Force (MEF) IAS, is a mobile system that supports the MEF Command Element. The second tier, the Intelligence Operations Server (IOSv2), is a team portable system designed to support the Intelligence Operations of the Major Subordinate Commands (MSC). The third tier, the Intelligence Operations Work-station (IOW), serves as the intelligence link for the battalion and squadron commands to higher headquarters or as a stand-alone system.

Operational Impact

Fielding of the MEF IAS has provided Marine Air-Ground Task Force (MAGTF) commanders with a mobile, all-source, intelligence data fusion and dissemination capability. The IOSv2 gives the commander at the Major Subordinate Command (MSC), Marine Expeditionary Unit (MEU), regiment, and group commands access to time-sensitive intelligence data that is crucial to the decision making process and the Intelligence Preparation of

the Battlefield (IPB). Without the IOSv2, this ability would be greatly degraded. The IOW is the link to intelligence data for the battalion and squadron level of commands, using client/server technology for a “reach back” capability to higher commands for intelligence information updates. The IOW can also function as a stand-alone workstation and can operate with certain limitations in a disconnected environment.

Program Status

The MEF IAS is currently in the post production/fielding phase of the acquisition process. All systems have been fielded to the operational forces, and receiving Marine Reserve units. The IOW was refreshed in FY 04.

Procurement Profile

The IAS FoS executes periodic hardware and peripheral refreshes as per the PM NMCI/IT refresh schedule. One major software fielding and one service pack is fielded per Fiscal Year.

Developer/Manufacturer:

Hardware components (all three tiers):

Commercial-off-the-shelf (COTS) and non-developmental items (NDI)

Software components (all three tiers):

Various COTS and government-off-the-shelf (GOTS) developers

Key GOTS software developers:

Northrop Grumman, Information Technologies, Philadelphia, PA

Chi Systems, San Diego, CA

Titan Systems Corporation, Virginia Beach, VA

System integration of software to hardware

suite: Space and Naval Warfare System

Command (SPAWAR), Charleston, SC